

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)	
Swart, et al.)	Group Art Unit: 2178
Serial No.: 09/800,648)	Examiner: Hutton, Jr., William
Filed: March 7, 2001)	Docket No. 10004942-1
For: METHOD AND APPARATUS)	
FOR CREATING FILES THAT ARE)	
SUITABLE FOR PRINTING AND)	
THAT CAN BE CONVERTED INTO)	
MARKUP LANGUAGE FILES)	
THAT ARE SUITABLE FOR ON-)	
LINE USE)	

DECLARATION UNDER 37 C.F.R. §1.131

Assistant Commissioner of Patents
Alexandria, VA 22313

Sir:

County of _____)
)
State of Colorado)

We, Stacey Swart, Meredith Mathews, and Mike Loughlin state as follows:

1.

We are coinventors of the inventions defined in the pending claims of the above-identified patent application and of the subject matter described therein.

2.

Prior to August 15, 2000, in this country, we conceived of the idea for an apparatus that converts a first markup language file, such as SGML, into a second markup language file, such as HTML. Such an apparatus uses an elements file, such as a file commonly referred to as an Elements Definition Document (EDD), to define elements included in the first markup language file. Rather than defining various element styles for the elements in the EDD, a plurality of style templates external to the EDD are defined. Each of the style templates defines a respective element style. At least one of the style templates is mapped to at least one of the elements and defines a style for the at least one element. In addition, the second markup language file includes information describing an on-line format and content of a document.

3.

Prior to August 15, 2000, we built and tested, in this country, an apparatus, referred to hereafter as "the file generating apparatus," having software for performing the functionality described above in Paragraph 2. Prior to August 15, 2000, the file generating apparatus successfully converted SGML documents into HTML documents using customized style templates for defining the styles of various EDD elements.

4.

While working on a Hewlett-Packard Company ("HP") project, called "Proton," we used the file generating apparatus described above in Paragraph 3 to convert various SGML documents into HTML documents prior to August 15, 2000. Attached hereto as Exhibit A is a slide from a PowerPoint presentation that was used at an internal HP presentation by co-inventors, Meredith Mathews and Stacey Swart, to discuss the Proton project. Note that the slide references the creation of "online html templates," which is a reference to the customized style templates described above in Paragraph 3. The internal HP presentation occurred prior to August 15, 2000. Exhibit B is a screenshot of the slide of Exhibit A after a properties window for the slide was opened. The properties window shows that the slide was created and last modified prior to August 15, 2000.

5.

Exhibit C shows a listing of various files used in completing the Proton project. The listing includes various HTML files among other types of files. Each HTML file included in the listing was converted into HTML from a respective SGML file by the file generating apparatus described above in Paragraph 3 using customized style templates. The dates shown in the listing establish that the HTML files were last modified prior to August 15, 2000, thereby establishing that the file generating apparatus was used to convert SGML files into HTML files prior to this date. One of the HTML files shown in the listing is entitled "EN_Pro_fnt.htm". Exhibit D shows HTML source code from "EN_Pro_fnt.htm" for defining the first page of an HTML document, which was converted from an SGML document by the file generating apparatus during the Proton project. Exhibit E shows the first page of the HTML document, which was used in the Proton project. Note that the text of the HTML

document of Exhibit E corresponds to the HTML source code of Exhibit D. Moreover, Exhibit C shows that "EN_Pro_fnt.htm", which defines the source code of Exhibit D for generating the document page of Exhibit E, was last modified and, therefore, created prior to August 15, 2000.

6.

The listing of Exhibit C includes two ".wdt" files entitled "HP_SureStore_User_Guide.bak.wdt" and "HP_SureStore_User_Guide.wdt". These ".wdt" files define customized style templates that were used by the file generating apparatus during the Proton project to convert SGML files into the HTML files listed in Exhibit C. The last modified dates indicated in the listing of Exhibit C for the ".wdt" files are prior to August 15, 2000.

7.

After completion of the Proton project, a document entitled "Proton Lessons Learned," the first page of which is attached hereto as Exhibit F, was created to summarize the knowledge gained from the Proton project. Exhibit G is a screen shot of the first page of the foregoing document after a properties window for the document was opened. The properties window shows that the document was created and last modified prior to August 15, 2000, thereby establishing that completion of the Proton project and, therefore, successful conversion of SGML documents into HTML documents for the Proton project occurred prior to August 15, 2000.

8.

Attached hereto as Exhibit H are the first two pages of an invention disclosure form pertaining to the invention described and claimed in U.S. Patent Application No. 09/800,648. Note that the attorney docket number (i.e., "10004942") listed on the invention disclosure form corresponds to the attorney docket number in the records of the U.S. Patent & Trademark Office for U.S. Patent Application No. 09/800,648. As indicated by Exhibit H, the invention disclosure form was signed by a third party witness and submitted to the in-house legal department of HP prior to August 15, 2000. The invention disclosure form indicates that the invention was used in the Proton project and indicates that the invention was "built or tested" prior to August 15, 2000.

9.

We have read pending claims 1, 10, 20, 21, and 23 (as amended according to the First Response mailed to the U.S. Patent & Trademark Office on September 29, 2004). We believe that the file generating apparatus described hereinabove in paragraph 3 included each feature described in these pending claims.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FURTHER DECLARANTS SAYETH NOT.

Stacey Swart
Stacey Swart

3/10/05
Date

Meredith Mathews
Meredith Mathews

3/10/05
Date

Mike Loughlin
Mike Loughlin

3/10/05
Date

Commercial Learning Product Deliverables for Proton

- └ Combine user manual and service manual.
- └ Create welcome mat/quick reference card.
- └ Make drive information "generic" to allow for subsequent drive rolls with minimal cost. Drive information will be available online.
- └ Localize manual into FIGS, Japanese, Traditional Chinese, Simplified Chinese, Korean, and Dutch.
- Create online html templates to enable other departments to more easily leverage content for web use and SureStore CD, which will reduce localization costs.
- Create computer animation clips for installation and removal/replacement procedures.

EXHIBIT

A

tabbies

01/10/05

OIP

35112

Commercial Learning Product Deliverables

for Proton

- ☐ Combine user manual and
- ☐ Create welcome mat/quick
- ☐ Make drive information "ge
- ☐ drive rolls with minimal cos
- ☐ available online.
- ☐ Localize manual into FIGS,
- ☐ Simplified Chinese, Korean,
- ☐ Create online html template
- ☐ to more easily leverage con
- ☐ CD, which will reduce loca
- ☐ Create computer animation
- ☐ removal/replacement procedures.

1. ppt [Read-Only] Properties

General | Summary Statistics | Contents | Custom |

Created: Friday, 3:02:24 PM
 Modified: Wednesday, 1:17:50 PM
 Accessed: Friday, February 25, 2005 10:31:29 AM
 Printed: Thursday, 1:01:53 PM

Last saved by: Meredith Mathews
 Revision number: 20
 Total editing time: 407 Minutes

Statistic name	Value
Slides:	1
Paragraphs:	7
Words:	81
Bytes:	25312
Notes:	0
Hidden slides:	0
Multimedia clips:	0
Presentation format:	On-screen Show

OK Cancel

EXHIBIT

B

WinZip - html.zip					
File Actions Options Help					
New Open Favorite Add Extract Encrypt View Check Out Wizard					
Name	Type	Modified	Size	Ratio	Locked
pro usr.pdf	Adobe Adro...		3,449,433	45%	1,903,...
standard.css	Cascading S...		2,330	70%	704
box.gif	GIF Image		114	18%	94
Cleaning.gif	GIF Image		1,241	41%	726
cto load mqz.gif	GIF Image		28,409	57%	12,085
cvr feet.gif	GIF Image		20,356	56%	8,975
dash.gif	GIF Image		80	29%	57
drv rem.gif	GIF Image		30,332	56%	13,497
drv rem pit.gif	GIF Image		18,652	55%	8,483
drv repl.gif	GIF Image		40,975	57%	17,787
Empty.gif	GIF Image		1,233	48%	639
Erasing.gif	GIF Image		1,225	44%	689
Fail Off.gif	GIF Image		1,251	41%	744
Fail Onl.gif	GIF Image		1,228	40%	735
Full.gif	GIF Image		1,255	42%	722
Healthy.gif	GIF Image		1,052	34%	695
hologo.gif	GIF Image		6,702	4%	6,417
icon lib fail.gif	GIF Image		1,047	36%	675
icon part avail.gif	GIF Image		1,050	36%	667
Loading.gif	GIF Image		1,233	42%	716
mqz feat.gif	GIF Image		35,578	58%	15,109
NeedsOn.gif	GIF Image		1,228	41%	721
Offline.gif	GIF Image		1,198	42%	697
Online.gif	GIF Image		1,153	42%	667
Pro usr 1.gif	GIF Image		22,938	64%	8,291
Pro usr 111.gif	GIF Image		21,259	51%	10,497
Pro usr 113.gif	GIF Image		43,011	64%	15,575
Pro usr 114.gif	GIF Image		19,858	66%	6,771
Pro usr 14.gif	GIF Image		54,969	59%	22,414
Pro usr 15.gif	GIF Image		27,470	57%	11,918
Pro usr 19.gif	GIF Image		38,381	59%	15,705
Pro usr 22.gif	GIF Image		21,548	65%	7,600
Pro usr 23.gif	GIF Image		12,476	61%	4,884
Pro usr 24.gif	GIF Image		72,465	66%	24,661
Selected 0 files, 0 bytes			Total 81 files, 6,270 KB		

EXHIBIT

C

tabbies

WinZip - html.zip					
File Actions Options Help					
New Open Favorite Add to Favorites Extract Encrypt New Check Out Wizard					
Names	Types	Modified	Size	Ratio	Packed
Pro usr25.gif	GIF Image		48,317	61%	18,669
Pro usr2a.gif	GIF Image		42,888	62%	16,299
Pro usr3.gif	GIF Image		39,022	0%	38,997
Pro usr4.gif	GIF Image		19,173	65%	6,742
Pro usr410.gif	GIF Image		8,065	41%	4,794
Pro usr411.gif	GIF Image		13,725	57%	5,899
Pro usr42.gif	GIF Image		29,372	63%	10,853
Pro usr43.gif	GIF Image		32,820	68%	10,445
Pro usr44.gif	GIF Image		11,388	64%	4,058
Pro usr45.gif	GIF Image		8,546	57%	3,709
Pro usr46.gif	GIF Image		26,505	72%	7,405
Pro usr47.gif	GIF Image		65,459	62%	25,099
Pro usr48.gif	GIF Image		43,209	57%	18,715
Pro usr49.gif	GIF Image		10,211	59%	4,156
osqs1.gif	GIF Image		108,438	0%	108,388
Pwr off.gif	GIF Image		1,210	41%	714
rats.gif	GIF Image		31,474	51%	15,378
Reading.gif	GIF Image		1,140	41%	677
Rewind.gif	GIF Image		1,281	39%	783
rfeat.gif	GIF Image		35,590	60%	14,091
rk hp install.gif	GIF Image		35,102	53%	16,339
rmc rem.gif	GIF Image		41,465	58%	17,209
Seeking.gif	GIF Image		1,258	37%	789
template install.gif	GIF Image		15,580	63%	5,692
trav hp.gif	GIF Image		32,137	52%	15,352
Unloading.gif	GIF Image		1,226	41%	725
Writepro.gif	GIF Image		1,231	40%	741
Writing.gif	GIF Image		1,206	44%	678
EN Glossary.htm	HTML Docum...		13,178	74%	3,444
EN Pro fmt.htm	HTML Docum...		15,196	71%	4,337
EN Pro usr1.htm	HTML Docum...		55,196	82%	9,916
EN Pro usr2.htm	HTML Docum...		31,130	81%	5,817
EN Pro usr3.htm	HTML Docum...		86,277	85%	12,985
EN Pro usr4.htm	HTML Docum...		77,513	86%	10,985
Selected 0 files, 0 bytes			Total 8 files, 627,0KB		

WinZip - html.zip					
File Action Options Help					
New Open Favorites Add to list Extract Encrypt View Check Out Wizard					
Name	Type	Modified	Size	Ratio	Padding
Pro usr49.gif	GIF Image		10,211	59%	4,156
psqs1.gif	GIF Image		108,438	0%	108,388
Pwr off.gif	GIF Image		1,210	41%	714
rails.gif	GIF Image		31,474	51%	15,378
Reading.gif	GIF Image		1,140	41%	677
Rewind.gif	GIF Image		1,281	39%	783
rfeat.gif	GIF Image		35,590	60%	14,091
rk hp install.gif	GIF Image		35,102	53%	16,339
rmc rem.gif	GIF Image		41,465	58%	17,209
Seeking.gif	GIF Image		1,258	37%	789
template install.gif	GIF Image		15,580	63%	5,692
tray hp.gif	GIF Image		32,137	52%	15,352
Unloading.gif	GIF Image		1,226	41%	725
Writepro.gif	GIF Image		1,231	40%	741
Writing.gif	GIF Image		1,206	44%	678
EN Glossary.htm	HTML Docum...		13,178	74%	3,444
EN Pro frnt.htm	HTML Docum...		15,196	71%	4,337
EN Pro usr1.htm	HTML Docum...		55,196	82%	9,916
EN Pro usr2.htm	HTML Docum...		31,130	81%	5,817
EN Pro usr3.htm	HTML Docum...		86,277	85%	12,985
EN Pro usr4.htm	HTML Docum...		77,513	86%	10,985
EN Pro usr5.htm	HTML Docum...		35,782	78%	7,757
EN Pro usra.htm	HTML Docum...		21,143	87%	2,663
EN Pro usrb.htm	HTML Docum...		72,944	90%	6,990
EN Pro usrc.htm	HTML Docum...		17,121	76%	4,026
EN Pro usrIX.htm	HTML Docum...		55,687	86%	8,048
EN Pro usrLOF.htm	HTML Docum...		4,375	74%	1,157
EN Pro usrLOT.htm	HTML Docum...		4,539	74%	1,187
EN Pro usrTOC.htm	HTML Docum...		11,092	78%	2,451
HP SureStore User Guide.htm	HTML Docum...		12,990	80%	2,639
btn vide.jpg	JPEG Image		8,187	16%	6,918
marble.jpg	JPEG Image		5,074	3%	4,904
HP SureStore User Guide.bak.wdt	WDT File		600,823	92%	47,673
HP SureStore User Guide.wdt	WDT File		601,581	92%	47,723
Selected 0 files, 0 bytes			Total 81 files, 6,970 KB		

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EN_Pro_firm.htm - Notepad
File Edit Format View Help

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size="1"><a class="head" href="EN_Pro_usrloc.htm"><b>Previous Section</b></a></font></td>
<td height="25" align="center"><font face="Verdana, Arial, Helvetica, sans-serif"
size="1"><a class="head" href="EN_Pro_usrloc.htm"><b>Next Section</b></a></font></td>
<td height="25" align="center"><font face="Verdana, Arial, Helvetica, sans-serif"
size="1"><a class="head" href="EN_Pro_usrloc.htm"><b>Index</b></a></font></td>
<td height="25" align="center"><font face="Verdana, Arial, Helvetica, sans-serif"
size="1"><a class="head" href="pro_usr.pdf"><b>Print Manual</b></a></font></td>
</tr>
</table>

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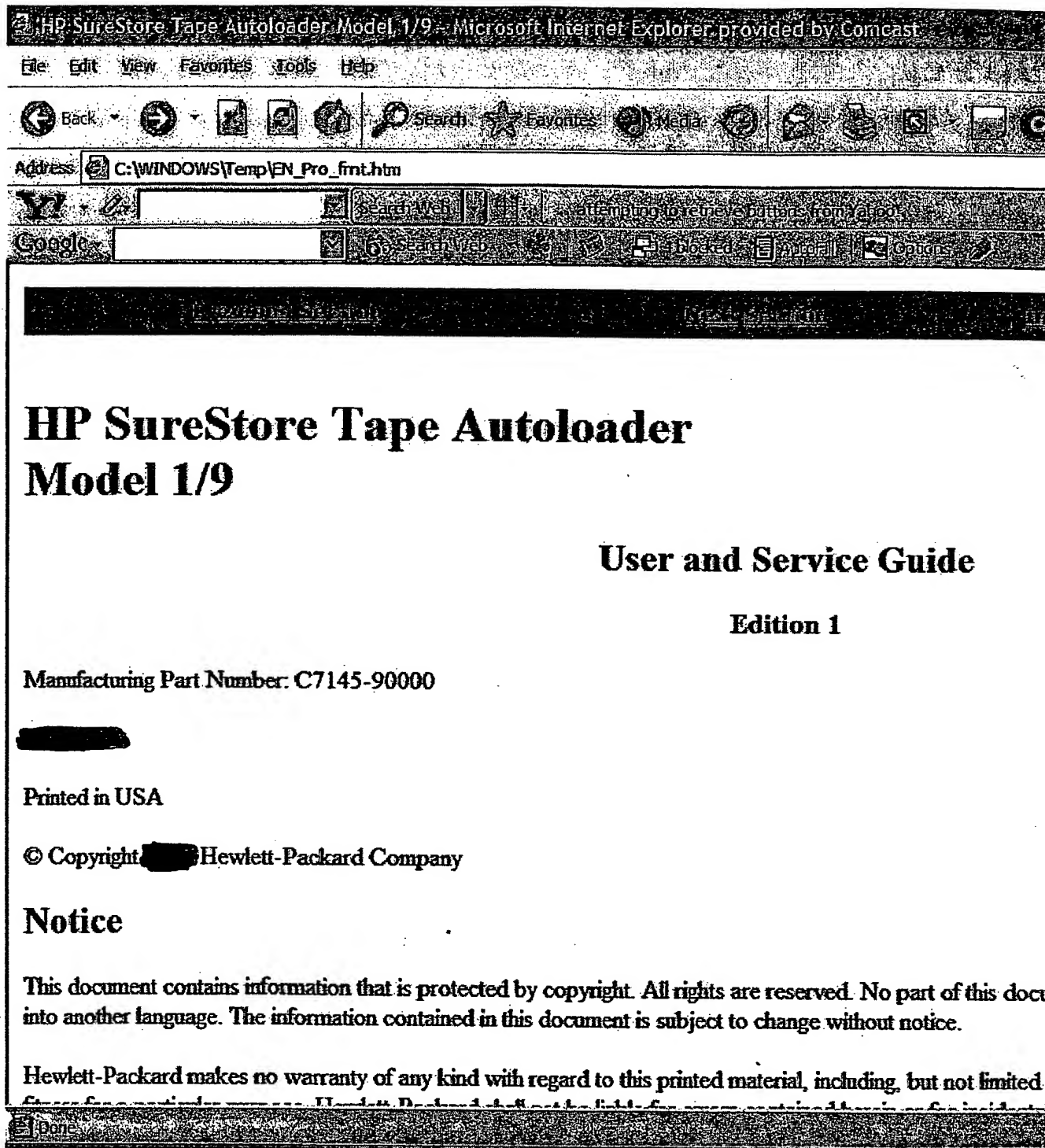


<h1 class="Title"><a name="1032260"></a>HP Surestore Tape Autoloader <br>Model 1/9</h1>
<h2 class="Subtitle" align="center">
user and Service Guide
</h2>
<h3 class="Edition" align="center">
Edition 1
</h3>

<p class="ProductNumber">Manufacturing Part Number: C7145-90000</p>
<p class="PubDate"></p>
<p class="Publisher">Printed in USA<br></p>
<p class="Copyright">©1991 Hewlett-Packard Company</p>
<h2 class="Heading1">
<a name="1032259"></a>NOTICE
</h2>
<p class="Body"><a name="1032303"></a>This document contains information that is protected by
copyright. All rights are reserved. No part of this document may be photocopied, reproduced,
or translated into another language. The information contained in this document is subject to
change without notice.</p>
<p class="Body"><a name="1035133"></a>Hewlett-Packard makes no warranty of any kind with
regard to this printed material, including, but not limited to, the implied warranties of

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Proton Lessons Learned

Overview

Proton was an intense, but relatively small project. We began Proton early [REDACTED] and completed it at the end of [REDACTED]. We leveraged a lot of the processes we created in Galactica and focused on making the content very easy to understand for a less-experienced end user. Consequently, we did not revolutionize development processes (like we did in Galactica), but scrutinized the organization and format of the manual. In Proton, we also tried to make our content easier for other departments to leverage.

Here are the deliverables we created for this project.

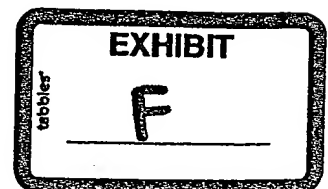
- HP SureStore user/service guide
- HP SureStore installation poster
- HP SureStore online user/service guide (HTML), localized into 9 languages
- Six animation clips for online manual
- Generic/oem user/service guide
- Generic/oem installation poster
- Generic/oem localization CD
- FRU and upgrade guide
- SCSI manual update
- Clip nut template

As the project began, Sun was the pmt priority. Learning Products actually decided to develop our deliverables out of order with the pmt. Even though no one was discussing the HP-branded product, we thought it would be easier to develop the HP manuals and poster and then later make it generic for Sun. This turned out to be a good choice since Sun's schedule slipped. When the pmt effort began to be redirected to the commercial channel, we were already a step ahead.

Summary

- ✓ *Since pmt scope and schedule can change, set our department schedule based on how we can most efficiently create deliverables.*
- ✓ *If our department schedule is out of alignment with the program schedule, ensure this is communicated to the entire team and that there are no holes.*

Template owner: Learning Products Manager



H

For Internal Use Only

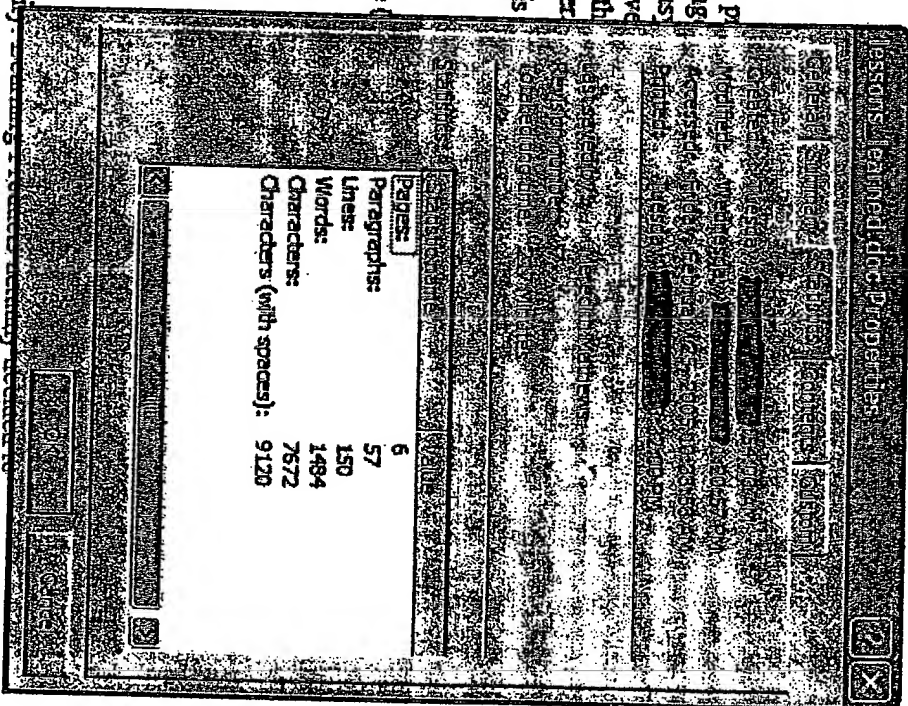
Proton Lessons Learned

Overview

Proton was an intense, but relatively small project completed it at the end of [REDACTED]. We leveraged and focused on making the content very easy. Consequently, we did not revolutionize development, scrutinized the organization and format of the content easier for other departments to leverage. Here are the deliverables we created for this

- HP SureStore user/service guide
- HP SureStore installation poster
- HP SureStore online user/service guide
- Six animation clips for online manual
- Generic/ocsm user/service guide
- Generic/ocsm installation poster
- Generic/ocsm localization CD
- FRU and upgrade guide
- SCSI manual update
- Clip nut template

As the project began, Sun was the main priority.



COPY
HP RESTRICTED

INVENTION DISCLOSURE

PAGE ONE OF

PDNO

10004942

DATE RCVD

ATTORNEY

SWISS

Instructions: The information contained in this document is COMPANY CONFIDENTIAL and may not be disclosed to others without prior authorization. Submit this disclosure to the HP Legal Department as soon as possible. No patent protection is possible until a patent application is authorized, prepared, and submitted to the Government.

Descriptive Title of Invention:

Streamlined conversion from print to html

Name of Project:

EDD Reinvention

Product Name or Number:

Associated with Proton release

Was a description of the invention published, or are you planning to publish? If so, the date(s) and publication(s): No

Was a product including the invention announced, offered for sale, sold, or is such activity proposed? If so, the date(s) and location(s):

Yes, process used in Proton user documentation

Was the invention disclosed to anyone outside of HP, or will such disclosure occur? If so, the date(s) and name(s):

Yes, hired contractor INT'L.com to carry out this idea with our EDD. Began approximately [redacted] and completed [redacted].

If any of the above situations will occur within 3 months, call your IP attorney or the Legal Department now at 1-898-4919 or 970-898-4919.

Was the invention described in a lab book or other record? If so, please identify (lab book #, etc.)

Yes, training materials (for HP from INT'L.com) on how to implement the process.

Was the invention built or tested? If so, the date:

Yes, approximately [redacted] - [redacted]

Was this invention made under a government contract? If so, the agency and contract number:

No

Description of Invention: Please preserve all records of the invention and attach additional pages for the following. Each additional page should be signed and dated by the inventor(s) and witness(es).

- A. Description of the construction and operation of the invention (include appropriate schematic, block, & timing diagrams; drawings; samples; graphs; flowcharts; computer listings; test results; etc.)
- B. Advantages of the invention over what has been done before.
- C. Problems solved by the invention.
- D. Prior solutions and their disadvantages (if available, attach copies of product literature, technical articles, patents, etc.).

Signature of Inventor(s): Pursuant to my (our) employment agreement, I (we) submit this disclosure on this date: [redacted]

450618

Stacey Smart

Signature

Stacey Smart

350-5345

NC-E1

SSD

Telnet

Mailstop

Entity & Lab Name

367124

Meredith Mathews

Signature

350-4290

NC-E1

SSD

Telnet

Mailstop

Entity & Lab Name

08404

Mike Loughlin

Signature

NC-E1

SSD

Telnet

Mailstop

Entity & Lab Name

Employee No.

Name

Signature

Telnet

Mailstop

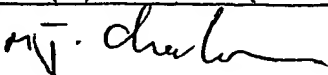
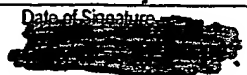
Entity & Lab Name

(If more than four inventors, include additional information on another copy of this form and attach to this document)

EXHIBIT

H

Write in Dark Ink on Front Side Only, Please

INVENTION DISCLOSURE		COMPANY CONFIDENTIAL	PAGE ____ OF ____
Signature of Witness(es): (Please try to obtain the signature of the person(s) to whom invention was first disclosed.)			
The invention was first explained to, and understood by, me (us) on this date: []			
Full Name	Signature	Date of Signature	
MICHAEL JULIAN CHAIKINER			
Full Name	Signature	Date of Signature	

Inventor & Home Address Information: (If more than four inventors, include addl. information on a copy of this form & attach to this document)			
Inventor's Full Name			
Stacey Jean Smart			
Street			
2430 Pine Needle Ct.			
City	State	Zip	
Ft. Collins	CO	80528	
Do you have a Residential P.O. Address? P.O. BOX	City	State	Zip
No			
Greeted as (nickname, middle name, etc.)		Citizenship	

Inventor's Full Name			
Meredith Mathews			
Street			
City	State	Zip	
Do you have a Residential P.O. Address? P.O. BOX	City	State	Zip
Greeted as (nickname, middle name, etc.)		Citizenship	

Inventor's Full Name			
Mike Laughlin			
Street			
City	State	Zip	
Do you have a Residential P.O. Address? P.O. BOX	City	State	Zip
Greeted as (nickname, middle name, etc.)		Citizenship	

Inventor's Full Name			
Street			
City	State	Zip	
Do you have a Residential P.O. Address? P.O. BOX	City	State	Zip
Greeted as (nickname, middle name, etc.)		Citizenship	